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APPLICANT MABUCHI et al	10-28-01 #2	8139 8139
FILING DATE April 20, 2001	GROUP 3744	9/83 9/83

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hl	5	4	8	9	3	4	4	2/96	Martin et al			
	6	0	3	8	3	3	7	3/2000	Kuroda et al			
	5	8	0	6	3	3	7	9/98	Mabuchi et al			
	5	9	6	4	1	0	3_	3/2000	Mabuchi et al			
	3	7	8_	5	1	7	0	1/74	Beranek			
J	4	1	1	6	2	7	1	9/78	De Lepeleire			
TIA	5	2	8	2	5	0	7	2/94	Tongu et al			
1	5	5	0	0	2	8	8	3/96	Isobe et al			
	5	3	7	7	4	9	4	1/95	Takagi et al			
	5	5	8	2	0	2	4	12/96	Kobor			
V	4	9	1	2	9	3	4	4/90	Itoh et al		,	
In A	4	3	0	3	5	6	8	12/81	May et al			

FOREIGN PATENT DOCUMENTS

				DOCU	JMENT N	UMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSI	LATION
													YES	NO
În s		6	2	1	2	3	9	4		Japan				
1		6	2	4	9	5	3	5	1994	Japan				
		1	1	2	1	6	3	3	1989	Japan				
		2	1	8	3	7	7	8	1990	Japan				
		58	·2	2	4	1	8	7	1983	Japan				
În L		58	2	2	4	1	8	6	1983	Japan				.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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